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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Art Unit --

Cem Basceri, Mark Visokay, Thomas M.

Graettinger, Steven D. Cummings

Application No.: --

Filed: Herewith

For: METHODS FOR FORMING AND  
INTEGRATED CIRCUIT  
STRUCTURES CONTAINING  
ENHANCED-SURFACE-AREA  
CONDUCTIVE LAYERS

Examiner: --

**POWER OF ATTORNEY BY ASSIGNEE AND**  
**CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)**

TO THE ASSISTANT COMMISSIONER FOR PATENTS  
Washington, DC 20231

Sir:

MICRON TECHNOLOGY, INC., the Assignee of the entire right, title and interest in the above-identified patent application by assignment attached hereto, hereby appoints the attorneys and agents of the firm of KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP, listed as follows:

Name	Reg. No.	Name	Reg. No.
BECKER, Mark L.	31,325	NOONAN, William D.	30,878
CALDWELL, Lisa M.	41,653	PETERSEN, David P.	28,106
DeGRANDIS, Paula A.	43,581	POLLEY, Richard J.	28,107
GEORGE, Samuel E.	44,119	SCOTTI, Robert F.	39,830
GIRARD, Michael P.	38,467	SIEGEL, Susan Alpert	43,121
HARDING, Tanya M.	42,630	SLATER, Stacey C.	36,011
JAKUBEK, Joseph T.	34,190	STEPHENS Jr., Donald L.	34,022
JOHNSON, Michelle L.	36,352	STUART, John W.	24,540
JONES, Michael D.	41,879	VANDENBERG, John D.	31,312
KLARQUIST, Kenneth S.	16,445	WHINSTON, Arthur L.	19,155
KLITZKE II, Ramon A.	30,188	WIGHT, Stephen A.	37,759
LEIGH, James S.	20,434	WINN, Garth A.	33,220
MAURER, Gregory L.	43,781		

and also attorneys Michael L. Lynch (Reg. No. 30,871), Lia M. Pappas (Reg. No. 34,095), W. Eric Webostad (Reg. No. 35,406) and Charles Brantley (Reg. No. 38,086) of Micron Technology, Inc., as its attorneys with full power of

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substitution to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

The Assignee certifies that the above-identified Assignment has been reviewed and to the best of Assignee's knowledge and belief, title is in the Assignee, and a copy of the Assignment is submitted herewith.

Please direct all correspondence regarding this application to:

KLARQUIST SPARKMAN CAMPBELL  
LEIGH & WHINSTON, LLP  
Attn: Michael D. Jones  
One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, OR 97204-2988

Telephone: (503) 226-7391  
Facsimile: (503) 228-9446

MICRON TECHNOLOGY, INC.

Date: 5/25/2000

By: 

Name: Michael L. Lynch, Esq.

Title: Chief Patent Counsel

Attachment: Copy of Assignment; Copy of Board of Directors' Resolution

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**DECLARATION OF INVENTOR FOR PATENT APPLICATION**

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR FORMING AND INTEGRATED CIRCUIT STRUCTURES CONTAINING ENHANCED-SURFACE-AREA CONDUCTIVE LAYERS, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

**PRIOR FOREIGN APPLICATIONS:**

I hereby state that no applications for foreign patents or inventor's certificates have been filed prior to the date of execution of this declaration.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued therefrom.

\* \* \* \* \*

Full Name of Sole or first Inventor: Cem Basceri

Inventor's Signature

Cem Basceri

5/24/00

Date

Residence: Boise, Idaho

Citizenship: Turkey

Post Office Address: 314 E. Iowa Dr.  
Boise, Idaho 83706

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Full Name of Second Joint Inventor, if any: Mark Visokay

Inventor's Signature

*Mark Visokay*

5/20/00

Date

Residence: Richardson, Texas

Citizenship: U.S.A.

Post Office Address: 2705 Millwood Drive  
Richardson, Texas 75082

Full Name of Third Joint Inventor, if any: Thomas M. Graettinger

Inventor's Signature

*Thomas M. Graettinger*

5/24/00

Date

Residence: Boise, Idaho

Citizenship: U.S.A.

Post Office Address: 1880 Leadville Avenue  
Boise, Idaho 83706

Full Name of Fourth Joint Inventor, if any: Steven B. Cummings

Inventor's Signature

*Steven B. Cummings*

5-23-00

Date

Residence: Boise, Idaho

Citizenship: U.S.A.

Post Office Address: 545 Robie Creek  
Boise, Idaho 83716

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## A S S I G N M E N T

WHEREAS, we, Cem Basceri, of Boise, County of Ada, State of Idaho, Mark Visokay, of Richarson, County of Collin, State of Texas, Thomas M. Graettinger, of Boise, County of Ada, State of Idaho, and Steven D. Cummings, of Boise, County of Ada, State of Idaho, have invented a certain invention, entitled METHODS FOR FORMING AND INTEGRATED CIRCUIT STRUCTURES CONTAINING ENHANCED-SURFACE-AREA CONDUCTIVE LAYERS, for which we are making application for Letters Patent of the United States, said application having been executed by us on the <sup>20th</sup> ~~23rd~~ day of May, 2000; and

WHEREAS, Micron Technology, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, desires to acquire an interest therein:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, Cem Basceri, Mark Visokay, Thomas M. Graettinger, and Steven D. Cummings, hereby sell, assign and transfer to Micron Technology, Inc., the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all

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divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Micron Technology, Inc., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Micron Technology, Inc., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Micron Technology, Inc., its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

Executed at the place and date opposite our respective signatures below.

Cem Basceri  
Cem Basceri

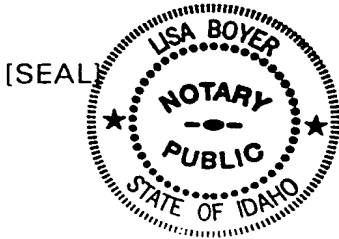
At Boise, ID  
(City and State)

on this 24<sup>th</sup> day of May, 2000.

STATE OF IDAHO )  
COUNTY OF ADA ) ss.

This 24 day of May, 2000, before me personally came the above-named Cem Basceri, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Lisa Boyer  
Notary Public For Boise Idaho  
My commission expires: 1-9-2002



Mark Visokay  
Mark Visokay

At Garland TX  
(City and State)  
on this 20th day of May, 2000.

STATE OF TEXAS )  
COUNTY OF COLLIN DALLAS ) SS.

This 20th day of May, 2000, before me personally came the above-named Mark Visokay, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Veronica Malian  
Notary Public For Dallas TX  
My commission expires: 2003, Feb 23rd

[SEAL]

At Boise, ID  
(City and State)  
on this 24 day of May, 2000.

Thomas M. Graettinger  
Thomas M. Graettinger

MICRON TECHNOLOGY, INC.  
CERTIFIED COPY OF RESOLUTIONS

I, Jan R. Reimer, the Assistant Secretary of Micron Technology, Inc. do hereby certify, that the resolutions attached hereto represent a complete, true and correct copy of the resolutions duly adopted by the Board of Directors of Micron Technology, Inc. (the "Corporation"), a corporation duly organized and existing under the laws of the State of Delaware, at a meeting duly held on March 25, 1996, a quorum being present, and have been entered into the minutes of said meeting; that I am the keeper of the corporate seal and of the minutes and records of this Corporation; and that said resolutions have not been rescinded or modified.

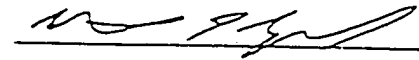
The resolutions attached hereto are in conformity with the Certificate of Incorporation and Bylaws of the Corporation and are now in full force and effect.

I further certify that the person whose name and signature is set out below is the person authorized to act for said Corporation in transactions with and pursuant to the foregoing resolutions, and that such person is now duly qualified and acting in his respective capacity:

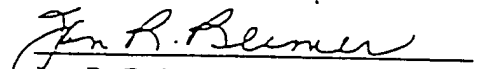
NAME AND TITLE

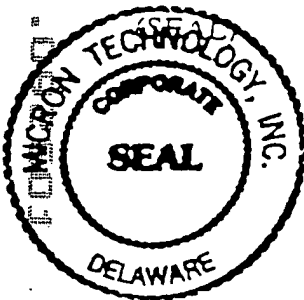
Michael L. Lynch, Chief Patent Counsel

SIGNATURE



IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the said Corporation, this 24<sup>th</sup> day of August, 1998.

  
Jan R. Reimer, Assistant Secretary



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MICRON TECHNOLOGY, INC.  
BOARD OF DIRECTORS RESOLUTIONS

WHEREAS, certain key employees require the authority to execute certain documents on behalf of the Company in order to enable them to effectively and efficiently carry out their responsibilities and duties to the Company.

NOW THEREFORE BE IT RESOLVED, that the Board hereby approves and authorizes Mr. Michael L. Lynch, Assistant General Counsel for Intellectual Property, to execute on behalf of the Company, documents pertaining to the Company's patent prosecution matters, including but not limited to documents relating to representation before a patent examining authority, patent terms and other patent prosecution procedures, both in the United States and other countries, upon such terms and conditions as the General Counsel of the Company shall deem necessary or appropriate.

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